

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	4530	(image reader)and apparatus	US-PGPUB; USPAT	ADJ	ON	2007/06/25 09:56
S4	38	(image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/03 08:50
S5	2	(358/496)and(image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 11:03
S6	25	(Murakami Ayumu).in.	US-PGPUB; USPAT	ADJ	ON	2007/07/11 09:52
S7	2	(358/496)and(image reader apparatus)and (Optical)and py<="2002"	US-PGPUB; USPAT	ADJ	ON	2007/07/10 08:31
S8	2	(358/496)and(image reader apparatus)and (Optical)and ad>"20021001"	US-PGPUB; USPAT	ADJ	ON	2007/07/03 08:55
S9	2	(358/496)and(image reader apparatus)and (Optical)and py<"2002"	US-PGPUB; USPAT	ADJ	ON	2007/07/03 08:56
S11	2	(358/496 and py<"2002")and (image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/03 09:12

S12	2	(358/496 and ay>="2002")and (image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/03 10:37
S13	3	(399/221 and ay>="2002")and (image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/03 10:38
S15	1	(358/496)and(image reader apparatus)and (Sliding member)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 11:29
S22	2	(358/496)and(image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 11:34
S23	2	(358/496)and(image reader apparatus)and (light)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 11:42
S24	2	(358/496)and(image reader apparatus)and (Optical system)	US-PGPUB; USPAT	ADJ	ON	2007/07/11 15:11
S25	1	(358/496)and(image reader apparatus)and (guide rail)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 12:31
S26	1	(Murakami Ayumu).in. and (guide member)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 11:57
S27	2	(358/474)and(image reader apparatus)and (guide rail)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 12:40
S29	3	(358/474)and(image reader apparatus)and (guide)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 13:13
S30	1	(358/474)and(image reader apparatus)and (Sliding member)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 11:08

S31	3	(358/474)and(image reader apparatus)and (guide)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 11:26
S35	8	(358/496)and(Optical)and (Sliding member)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:47
S36	0	(358/497)and(image reader apparatus) and (Optical) and (sliding member)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 16:33
S39	0	(image reader apparatus) and (Optical) (slidingadjmember)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 16:35
S40	4	(358/474)and(image reader apparatus)and (adjust\$4)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 17:07
S42	1	(358/474)and(image reader apparatus)and (adjust\$4 same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/05 17:10
S43	880	(Scanner near image)and (adjust\$4 same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/05 17:15
S44	37	(Scanner near image)same (adjust\$4 same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 07:11

S45	18	(Scanner near image)same (adjust\$4 near5 (sliding or member or shaft))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 06:30
S46	10	(Scanner near image)same (Screw\$4 same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 08:31
S47	7	(Scanner near image)same (Plastic\$4 same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 10:57
S48	19	(Miyachi-Yasunori).in.	US-PGPUB; USPAT	ADJ	ON	2007/07/06 09:33
S49	0	(Scanner near image)same (Plastic\$4 with (deform\$4) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 10:59
S50	0	(Scanner near image)same (Plastic\$4 same (deform\$4) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 11:00

S51	129	((Scanner near image)same ((Screw or portion) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:25
S52	1	((Scanner near image)same ((Screw and portion) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 11:01
S53	53426	((image reader apparatus)and (Optical system)or(adjust\$4 with lens))	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:20
S54	0	((image reader apparatus)and (Optical system) (adjust\$4 with lens))	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:20
S55	0	((image reader apparatus)and (Optical system)adj(adjust\$4 with lens))	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:21
S56	3	((image reader apparatus)and (Optical system)and(adjust\$4 with lens))	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:21
S57	0	((Scanner near image)same (((Screw or portion)same (rotating tool)) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:27

S58	129	(Scanner near image)same (((Screw or portion)or (rotating tool)) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:28
S59	129	(Scanner near image)same (((Screw or portion)or (rotating tool)and (engag\$4)) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:31
S60	1	(Scanner near image)same (((Screw and portion)or (rotating tool)and (engag\$4)) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 09:29
S61	0	(Scanner near image)same (((rotating tool)and (engag \$4)) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:41
S62	1	(250/239)and((image document)or(original manuscript))and(read\$3 scan \$3)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 09:36
S63	2035303	(L18andL2)or(screw\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 09:54

S64	2035303	(358/497)and(L18andL2)or (screw\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 09:55
S65	148930	(358/474)and(image reader apparatus)and (Sliding member)or(plast\$3 same screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 11:10
S66	1	(358/474)and(image reader apparatus)and (guide)and (contact member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 11:28
S67	2239692	(358/474)and(image reader apparatus)and (guide)or(plast \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 11:29
S68	1	(358/474)and(image reader apparatus)and (guide)and (plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 11:33

S69	2	(358/496)and(Optical)and (Sliding member)and (Plast \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 13:13
S70	1510	(358/496)or(250/239)and(Opt \$4)and (Sliding member)and (Plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 13:17
S71	1	(358/496/494)or(250/239)and (Opt\$4)and (Sliding member) and (Plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/30 09:24
S72	284	(S70)and (screw\$4)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:19
S73	89	(S70)and (screw\$4)and(Plast \$3)	US-PGPUB; USPAT	ADJ	ON	2007/07/10 07:30
S74	3	(S70)and(Plast\$3)with(screw \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 14:18



S75	16	(S70)and(Plast\$3)same(screw\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 14:18
S76	1	(S70)and (screw\$4)near(Plast\$3)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 14:37
S77	2	(S70)and (screw\$4)near5(Plast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 14:38
S78	2	(358/496)and(image reader apparatus)and (Optical)and (py<"2002")	US-PGPUB; USPAT	ADJ	ON	2007/07/09 15:12
S79	1512	(358/496)or(250/239)and(Opt\$4)and (Sliding member)and (Plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 07:31
S80	89	(S79)and (screw\$4)and(Plast\$3)	US-PGPUB; USPAT	ADJ	ON	2007/07/10 07:31

S81	54	(S80)AND(MOLD\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 07:35
S82	38	(S80)AND((PLAST\$4)NEAR4 (MOLD\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 07:40
S83	1	(S80)AND((PLAST\$4)NEAR4 (DEFORM\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 07:41
S84	2	(S80)AND((PLAST\$4)SAME (DEFORM\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 07:42
S85	1	(358/496)and(image reader apparatus)and (Optical)and (guide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 08:58

S86	2	(358/496)and(image reader apparatus)and (Optic\$4)same (move\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 08:59
S87	2	(358/496)and(image reader apparatus)and (Optic\$4)same (move\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 09:03
S88	1	(358/496)and(image reader apparatus)and (Optic\$4)same ((move\$4)same(Original))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 09:46
S89	8	(image reader apparatus)and (Optic\$4)same((move\$4)same (Original))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 09:08
S90	1	(358/496)and(image reader apparatus)and ((Optic\$4) same (guid\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 10:09

S91	0	(358/496)and(image reader apparatus)and (slid \$4samescrew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 10:11
S92	0	(358/496)and(image reader apparatus)and (slid \$4withscrew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 10:11
S93	0	(358/496)and(image reader apparatus)and (slid\$4)with (screw\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 10:11
S94	1	(358/496)and(image reader apparatus)and (slid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:01
S95	0	(358/496)and(image reader apparatus)and (slid \$4withguide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:02

S96	1	(358/496)and(image reader apparatus)and (slid\$4)with (guide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 13:25
S97	0	(358/496)and(image reader apparatus)and ((slid\$4)with (guide)with(screw\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:10
S98	0	(358/496)and(image reader apparatus)and ((slid\$4)same (guide)same(screw\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:11
S99	0	(image reader apparatus)and ((slid\$4)same(guide)same (screw\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:11
S100	0	(358/496)and(image reader apparatus)and ((slid\$4)with (screw\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:12

S101	2	(358/496)and(image reader apparatus)and(screw\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:49
S102	0	(358/496)and(image reader apparatus)with(guid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 13:27
S103	22	(358/496)and(image reader) with(guid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 14:07
S104	0	(358/496)and(image reader) with(guid\$4)withscrew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 14:08
S105	0	(358/496)and(image reader) with(guid\$4)with(screw\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 14:08

S106	1	(358/496)and(image reader) same(guid\$4)same(screw\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:33
S107	2	(358/496)and(image reader) same(guid\$4)same(elimina\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 14:43
S108	75	(358/496)and(image reader) same(cont\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 15:04
S109	3	(358/496)and(image reader) same(plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 15:04
S110	0	(358/496)and(image reader) same(guid\$4)same(tipor portion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:33

S111	0	(358/496)and(image reader) same(guid\$4)same(tiporend)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:34
S112	8909059	(358/496)and(image reader) same(guid\$4)same(tip)or (end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:34
S113	0	(358/496)and(image reader) same(guid\$4)same(tip)and (end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:35
S114	0	(358/496)and(image reader) same(guid\$4)same(tip)same (end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:35
S115	0	(358/496)and(image reader) same(guid\$4)same(tip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:35



S116	10	(image reader)same(guid\$4) same(tip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:35
S117	2	(image reader)same(guid\$4) same(tip)and(end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:36
S118	0	(image reader)same(guid\$4) same(tipnear\$4end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:36
S119	2	(358/496)and(image reader apparatus)and((engag\$4)or (rotat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:50
S120	1	((((Murakami Ayumu).in.) and (plastically deformable))	US-PGPUB; USPAT	ADJ	ON	2007/07/11 15:09

S121	0	((Murakami Ayumu).in.) and (plastically deformable)) (plurality)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/11 15:10
S122	1	((Murakami Ayumu).in.) and (plastically deformable))and (plurality)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/11 15:10
S123	1	(358/474)and(image reader apparatus)and (adjust\$4 same (sliding or member))	US-PGPUB; USPAT	ADJ	ON	2007/07/11 15:11
S124	1	(358/496)and(image reader apparatus)and (Optical system)and(plurality)	US-PGPUB; USPAT	ADJ	ON	2007/07/11 15:12
S125	1	(358/496)and(image reader apparatus)and (Optical system)and(plura\$4)	US-PGPUB; USPAT	ADJ	ON	2007/07/11 15:13
S126	23	(image reader apparatus)and (Optical system)and(plura\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/11 15:13

S127	2	("6285441").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/18 09:25
S128	0	("4862218.pn.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 12:37
S129	0	("(4862218).pn.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 12:38
S130	78	(Tsunoda Arihiro).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/26 12:38
S131	0	(358/496/494)or(250/239)and (Sliding slide slider guide guiding) with (screw thread threaded threading) and (@ad<"20020901")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/30 09:28

S132	90	(358/494-496 250/239).ccls. and (Sliding slide slider guide guiding) with (screw thread threaded threading) and (@ad<"20020901")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 11:30
S133	116	(358/494-497 250/239).ccls. and (Sliding slide slider guide guiding) with (screw thread threaded threading) and (@ad<"20020901")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 11:30
S134	82	(358/494-497 250/239).ccls. and (spacer spacing Sliding slide slider guide guiding) near5 (screw thread threaded threading) and (@ad<"20020901")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 09:40
S135	13	(358/494-497 250/239).ccls. and (spacer spacing Sliding slide slider guide guiding) with (screw thread threaded threading) with (adjust adjusting adjusted) and (@ad<"20020901")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 09:41

S136	13	(358/494-497 250/239).ccls. and (spacer spacing Sliding slide slider guide guiding) with (screw thread threaded threading bolt nut) with (adjust adjusting adjusted) and (@ad<"20020901")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 09:43
S137	31	(358/494-497 250/239).ccls. and (spacer spacing Sliding slide slider guide guiding) same (screw thread threaded threading bolt nut) with (adjust adjusting adjusted) and (@ad<"20020901")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 10:33
S138	0	(358/494-497 250/239).ccls. and (spacer spacing Sliding slide slider guide guiding) same (screw thread threaded threading bolt nut) with (adjust adjusting adjusted) and (plastically same deformed)and (@ad<"20020901")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 10:34
S139	50	(deform deformed deforming deformation) near4 (plastic plastically) with (screw thread threading) with (contact connection) with (area surface) and (@ad<"20020901")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 05:50

S140	62	(deform deformed deforming deformation) near4 (plastic plastically) with (screw thread threading) with (contact connection) with ((area surface)(sliding member)) and (@ad<"20020901")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:53
S141	0	(10/671725).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/30 15:54
S142	1	10/671725	US-PGPUB; USPAT	ADJ	ON	2007/07/30 15:54
S143	0	"10671725"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 14:40
S144	14	"671725"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 14:40
S145	12011	(scan or scanning scanner) adj3(unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 14:58

S146	2964	(S145)and((scre\$3)or(scre\$3 adj3 hole))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:00
S147	80	(S145)and((scre\$3)and(scre\$3 adj3 hole))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:00
S148	9	(S147)and("358"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:01
S149	778	(S145)and((screw\$3)or(screw \$3 adj3 hole))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:03
S150	67	(S149)and("358"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:04

S151	0	(S150)and (plastica\$3 adj3 deform\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:05
S152	3	(S145)and((scre\$3)and (sliding adj2 member))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:08
S153	81850	(Image adj3 (reader or reading))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:10
S154	2981	(Image adj3 (reader or reading))and((scan or scanning or scanned)adj2 Unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:10
S155	44	(S154) and(flatbed adj3 scanner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:11



S156	12	(S155)and(screw or screwed or screwing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:12
S157	497	(flatbed adj3 (scan or scanning or scanned))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:15
S158	34	(S157)and(skew\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:15
S159	16	(S158)and("358"/.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:16
S160	11689	(Screw adj3 fasten)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:19

S161	20	(S160)and("358"/.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:20
S162	20	(S160)and("358"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:20
S163	20	(S162)and(screw or screwing or screwed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:21
S164	2	"6053653".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:30
S165	317	(355/67.ccls.)and (screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:43

S166	135	(355/67.ccls.)and (screw and hole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:43
S167	8	(S166)and (Fasten)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:44
S168	1218	((403/343).ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:47
S169	23	((403/343).ccls.)and(screw and fasten)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/05 15:47
S170	149	(optical with scanner)and (sliding adj3 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/11 12:40

S171	19	((optical with scanner)and (sliding adj3 member))and (358/474,497,496.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/11 12:44
S172	11	((optical with scanner)and (sliding adj3 member))and (358/474,497,496.ccls.)and (@ad<="20021001")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/11 12:45
S173	1	(S172)and(screw with(section or portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/11 12:46
S174	1	(S172)and(screw same (section or portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/11 12:55
S175	4	(S172)and(screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/11 12:56

S176	0	((Flatbed)with(scanner or scanning or scanned))same (((sliding or slid) with member)) with (Screw with (portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/11 13:03
S177	3208	((Flatbed)with(scanner or scanning or scanned))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/11 13:03
S178	3818	(358/474.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:15
S179	3	(358/474.ccls.)and((adjusting or adjusted)with(optical or scanner or scanning))adj3 (means or section)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:17
S180	3	(358/497.ccls.)and((adjusting or adjusted)with(optical or scanner or scanning))adj3 (means or section)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:20

S181	16	("358"/\$.cls.)and((adjusting or adjusted)with(optical or scanner or scanning))adj3 (means or section)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:22
S182	10	((("358"/\$.cls.)and((adjusting or adjusted)with(optical or scanner or scanning))adj3 (means or section))and (@ad<="20020929")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:23
S183	1289	((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:30
S184	155	((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and((scanning or scanned or scanner or reading or read) adj2(unit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:32
S185	75	((((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and((scanning or scanned or scanner or reading or read) adj2(unit)))and (@ad<="20021001")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:33

S186	41	(((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and((scanning or scanned or scanner or reading or read) adj2(unit)))and (@ad<="20021001"))and (screw or screwing or screwed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:34
S187	0	(((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and((scanning or scanned or scanner or reading or read) adj2(unit)))and (@ad<="20021001"))and (screw or screwing or screwed))same((contact adj3 member)with(screws))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:35
S188	0	(((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and((scanning or scanned or scanner or reading or read) adj2(unit)))and (@ad<="20021001"))and (screw or screwing or screwed))same(((contact or sliding)adj3 member)with (screws))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:36

S189	0	((((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and((scanning or scanned or scanner or reading or read) adj2(unit)))and (@ad<="20021001"))and (screw or screwing or screwed))same(((contact or sliding)adj7 member)with (screws))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:37
S190	0	((((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and((scanning or scanned or scanner or reading or read) adj2(unit)))and (@ad<="20021001"))and (screw or screwing or screwed))same(((contact or sliding)adj member)with (screw))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:38



S191	0	(((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit))and((scanning or scanned or scanner or reading or read)adj2(unit)))and (@ad<="20021001")and (screw or screwing or screwed))same(((contact or sliding)adj member)with (screw or screwed or screwing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:39
S192	41	(((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit))and((scanning or scanned or scanner or reading or read)adj2(unit)))and (@ad<="20021001")and (screw or screwing or screwed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:40

S193	0	(((((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit))and((scanning or scanned or scanner or reading or read)adj2(unit)))and (@ad<="20021001"))and (screw or screwing or screwed))and((contact adj3 member)with(screw or screwed or screwing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:41
S194	1	(Scan or scanner or scanning)and (contact with means)with (screws or screwed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 13:42
S195	19	((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit))and (355/67.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 14:57
S196	3	((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit))and (358/496.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 14:57

S197	0	((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and (29/525.1.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 14:57
S198	0	((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and (29/525.11.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 14:58
S199	0	((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and (27/10.03.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 14:58
S200	1	((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and (358/482.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 14:58
S201	0	((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and (347/171.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 14:58

S202	0	((adjust or adjusting or adjusted)with(position or level)with(optical adj3 unit)) and (382/135.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/16 14:58
S203	32	((AYUMU) near2 (MURAKAMI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 10:39
S204	20	((((AYUMU) near2 (MURAKAMI)).INV.)and(screw with portion)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 10:42
S205	1	((((AYUMU) near2 (MURAKAMI)).INV.)and(screw adj3 portion)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 10:42
S206	20	((((AYUMU) near2 (MURAKAMI)).INV.)and(screw adj9 portion)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 10:42
S207	2844	(sliding adj4 member)and (screw adj4 portion)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:19
S208	4	((sliding adj4 member)and (screw adj4 portion)and ("358"/\$.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:20
S209	0	(sliding adj4 member)and (358/451.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:38
S210	21	(sliding and member)and (358/451.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:38
S211	19	(sliding and member)and (358/518.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:38

S212	82	(sliding and member)and (358/496.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:38
S213	220	(sliding and member)and (358/474.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:38
S214	13	(sliding and member)and (358/482.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:39
S215	25	(sliding and member)and (399/118.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:39
S216	56	(sliding and member)and (403/282.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:39
S217	63	(sliding and member)and (606/308.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:39
S218	6	(sliding and member)and (382/135.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:39
S219	1	("6628431")and(screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/17 08:10
S220	1	("20040105133")and(screws adj5 optical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/17 08:35
S221	35	((AYUMU) near2 (MURAKAMI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 09:08

S222	1	((AYUMU) near2 (MURAKAMI)).INV.)and (optical with screw)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 09:11
S223	13084	(optical with screw)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 09:11
S224	74	(optical with screw)and (358/474.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 09:12
S225	41	(S224)and(scan\$4)with (screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/17 09:13
S226	16	((AYUMU) near2 (MURAKAMI)).INV.	USPAT; USOCR	ADJ	ON	2009/11/02 16:53
S227	4371	(scanner)with(adjustment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/02 16:54
S228	786	((scanner)with(adjustment)) and(screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/02 16:55

S229	0	((flatbed adj4 scanner)with (adjustment))and(screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/02 16:56
S230	0	((flatbed adj9 scanner)with (adjustment))and(screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/02 16:56
S231	0	((flatbed adj9 scanning)with (adjustment))and(screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/02 16:56
S232	0	((flatbed adj4 scanning)with (adjustment))and(screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/02 16:56
S233	4	"7310171"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 09:24

S234	2	"20040105133"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 18:44
S235	1	("20040105133")and (orthogonal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 18:45
S236	3399	(resin adj4 material)with (screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 19:46
S237	0	(resin adj4 material)with (screw)with(scanner or scanning)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 19:47
S238	0	(resin adj4 material)with (screw)with("358"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 19:47



S239	1	(resin adj4 material)with (screw)and("358"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 19:47
S240	158676	(resin adj4 material)with (screw)and("358"/\$.ccls.)or ("250"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 19:48
S241	13	(resin adj4 material)with (screw)and("250"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 19:48
S242	34	(resin adj4 material)with (screw)and(scanner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 19:50
S243	0	(resin adj4 material)with (screw)and(scanner with flatbed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 19:50

S244	0	(resin adj4 material)with (screw)and(scanner same flatbed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 19:50
S245	0	(resin adj4 material)with (screw)and(scanner near6 flatbed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 19:50
S246	34	(resin adj4 material)with (screw)and(scanner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/10 19:51
S247	2	"20040105133"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/18 11:05
S248	0	((("20040105133") and parameter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/18 11:05

S249	0	("20040105133") and (imaging adj3 parameter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/18 11:06
S250	2	("20040105133") and (a)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/18 11:07
S251	18	((AYUMU) near2 (MURAKAMI)).INV.	USPAT; USOCR	ADJ	ON	2010/09/07 08:39
S252	12	S251 and (screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:41
S253	0	S251 and (screw with optical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:41

S254	14	S251 and (play or gap or space)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:42
S255	0	S251 and ((play or gap or space) with (deformation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:42
S256	0	S251 and ((play or gap or space) with (plastically))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:43
S257	0	S251 and ((play or gap or space) with (plastic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:43
S258	7808	((play or gap or space) with (plastic)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:43

S259	649	(plastically with deformation). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:43
S260	24	(scanner or scanning or (image adj reading adj device or apparatus))with (plastically with deformation).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:44
S261	0	(scanner or scanning or (image adj reading adj device or apparatus))with ((plastically with deformation) with(screw)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:45
S262	2	(scanner or scanning or (image adj reading adj device or apparatus))with ((plastic\$3 with deformation)with(screw)). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:45
S263	5	(scanner or scanning or (image adj reading adj device or apparatus))same ((plastic \$3 with deformation)with (screw)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:49

S264	3	("5284217"   "5404643"   "6314817").PN. OR ("7660704").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/07 08:50
S265	17	((play or gap or space) with (plastically adj3 deformation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:52
S266	4	((play or gap or space) with (plastically adj3 deformation)). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:52
S267	0	(screw) with(((play or gap or space) with (plastically adj3 deformation))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:53
S268	58333	("205"\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:54

S269	8	("205"/\$.ccls.) and (plastically with deformation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:54
S270	0	("205"/\$.ccls.) and((plastically with deformation) and (optical adj5 means))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 08:55
S271	0	("205"/\$.ccls.) and((plastically with deformation) and (optical adj5 (means or device)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 09:00
S272	0	("205"/\$.ccls.) and((plastically with deformation) and (optical near5 (means or device)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 09:00
S273	4	((plastically with deformation) and (optical near5 (means or device))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 09:01

S274	5	((plastically with deformation) and (optical near5 (means or device or element))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 09:03
S275	4	((plastically with deformation) and (optical near2 (means or device or element))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 09:04
S276	59	((plastically with deform\$5) and (optical near2 (means or device or element))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 09:05
S277	59	((plastically near3 deform\$5) and (optical near2 (means or device or element))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 09:06
S278	59	((plastically near1 deform\$5) and (optical near2 (means or device or element))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 09:06



S279	51	((plastically near1 deform\$5) and (optical adj2 (means or device or element))))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 09:06
S280	51	(((plastically near1 deform\$5) and (optical adj2 (means or device or element))))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 09:07
S281	8	(scanner or scanning or scanned or scan)and (((plastically near1 deform\$5) and (optical adj2 (means or device or element))))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/07 09:08

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